

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Gary G. Churan  
Serial No.: To Be Assigned  
Filed: Concurrently Herewith  
For: NETWORK-ASSISTED GLOBAL POSITIONING SYSTEMS, METHODS AND  
TERMINALS INCLUDING DOPPLER SHIFT AND CODE PHASE ESTIMATES

January 5, 2004

Mail Stop PATENT APPLICATION  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Attached is a list of documents on Form PTO-1449, together with a copy of any listed foreign patent document and/or non-patent literature. A copy of any listed U.S. patent and/or U.S. patent application publication is not provided herewith in accordance with the waiver by the U.S. Patent and Trademark Office of requirements under 37 C.F.R. § 1.98(a)(2)(i) for all U.S. national patent applications filed after June 30, 2003 and for all international applications that have entered the national stage under 35 USC § 371 after June 30, 2003. It is requested that these documents be considered by the Examiner and officially made of record in accordance with the provisions of 37 C.F.R. § 1.56 and Section 609 of the MPEP.

No fee is believed due. However, the Commissioner is hereby authorized to charge any deficiency or credit any overpayment to Deposit Account No. 50-0220.

Respectfully submitted,

  
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I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR § 1.10 on the date indicated above and is addressed to Mail Stop PATENT APPLICATION, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

  
Susan E. Freedman

Date of Signature: January 5, 2004

Substitute form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<i>Complete if Known</i>	
				Application Number	To Be Assigned
				Filing Date	Concurrently Herewith
				First Named Inventor	Gary G. Churan
				Group Art Unit	
				Examiner Name	
Sheet	1	of	1	Attorney Docket Number	9301-81

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code (if known)			
	1	6,424,826	B1	Horton et al.	07/23/2002	
	2	6,415,154	B1	Wang et al.	07/02/2002	
	3	6,295,023	B1	Bloebaum	09/25/2001	
	4	6,169,878	B1	Tawil et al.	01/02/2001	
	5	6,169,514	B1	Sullivan	01/02/2001	
	6	6,097,974		Camp, Jr. et al.	08/01/2000	
	7	5,937,332		Karabinis	08/10/1999	
	8	5,761,605		Tawil et al.	06/02/1998	
	9	5,734,678		Paneth et al.	03/31/1998	
	10	5,663,734		Krasner	09/02/1997	
	11	5,511,233		Otten	04/23/1996	
	12	5,303,286		Wiedeman	04/12/1994	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T
	13	International Preliminary Examination Report, PCT/US02/24783, 04/30/2003	
	14	International Search Report, PCT/US02/24783, 12/10/2002	
	15	Dana, <i>Global Positioning System Overview</i> , The Geographer's Craft Project, Department of Geography, The University of Colorado at Boulder, 1999	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.